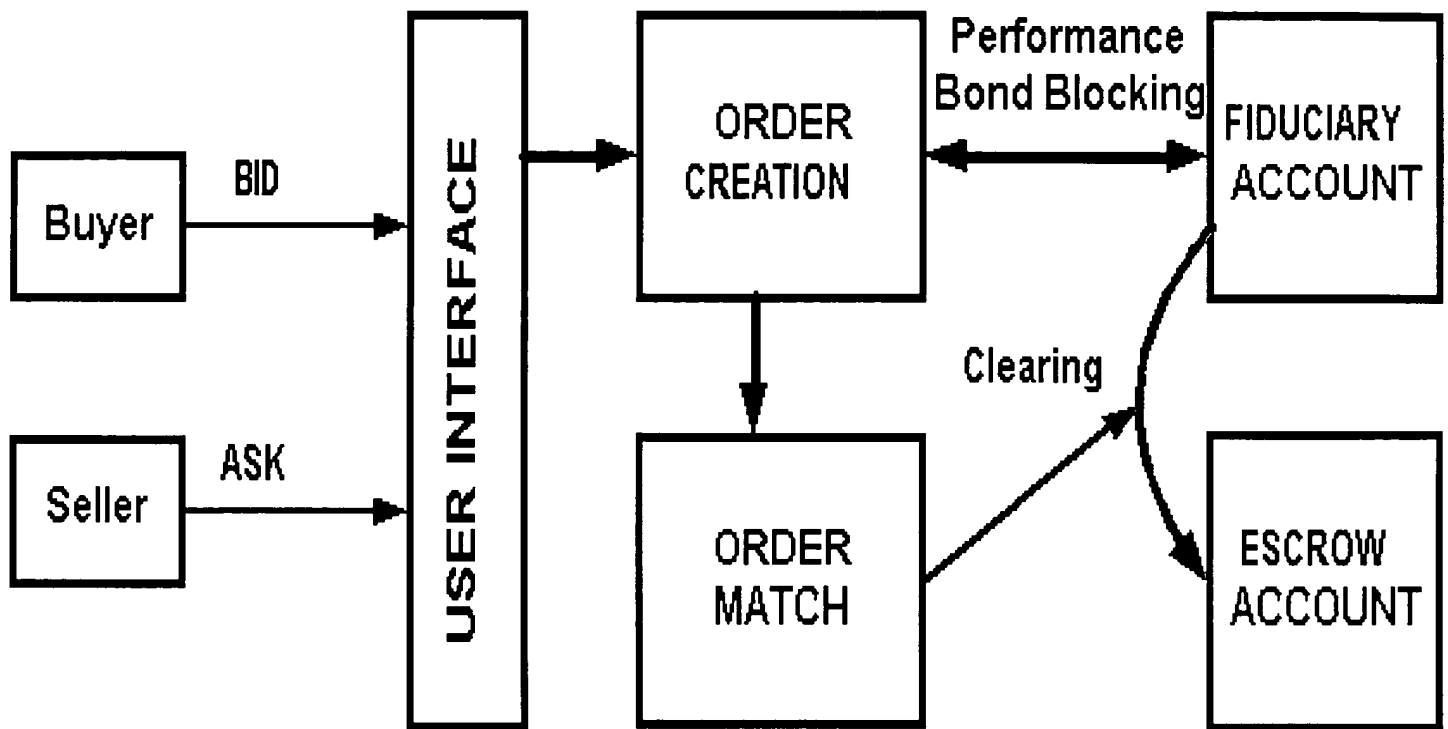


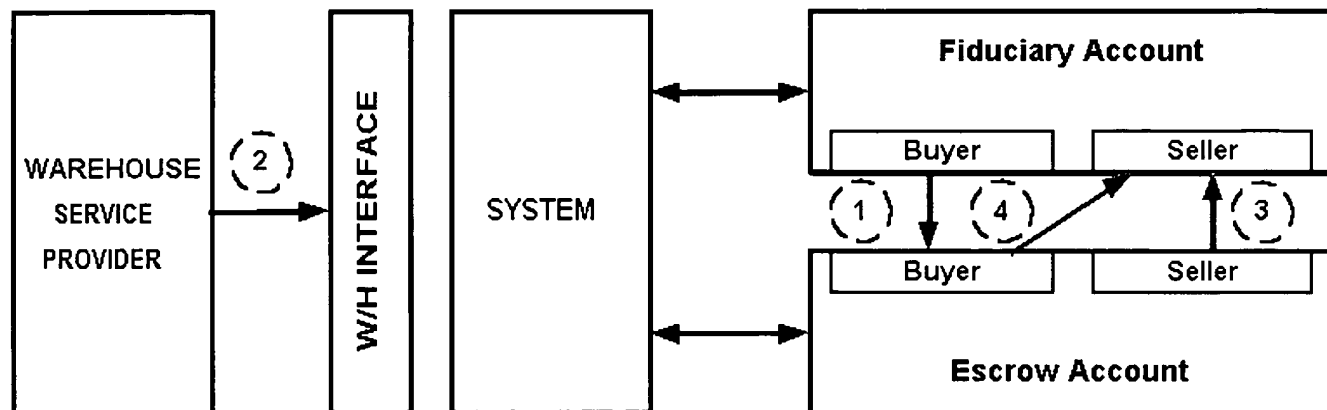
Cash Management Interface

Fig 200



The Matching Process

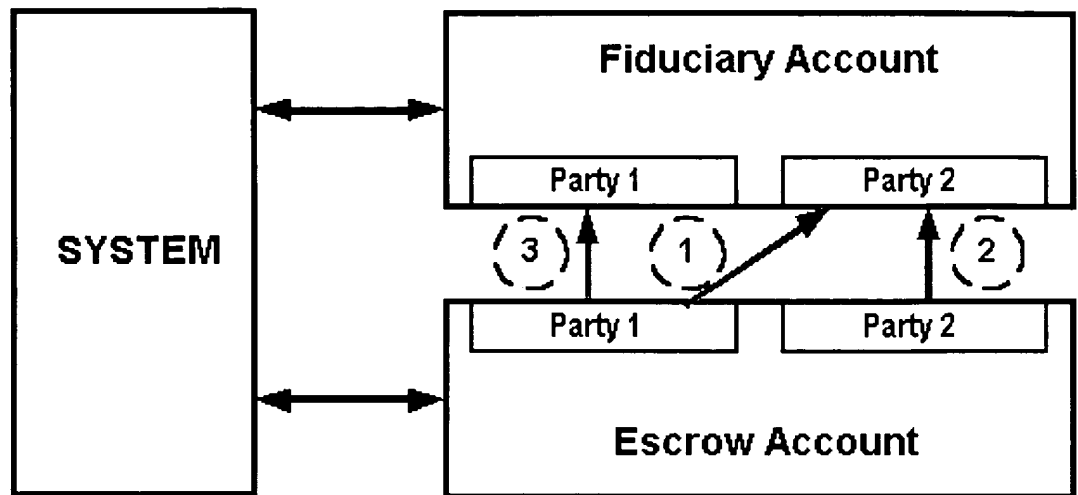
Fig. 300



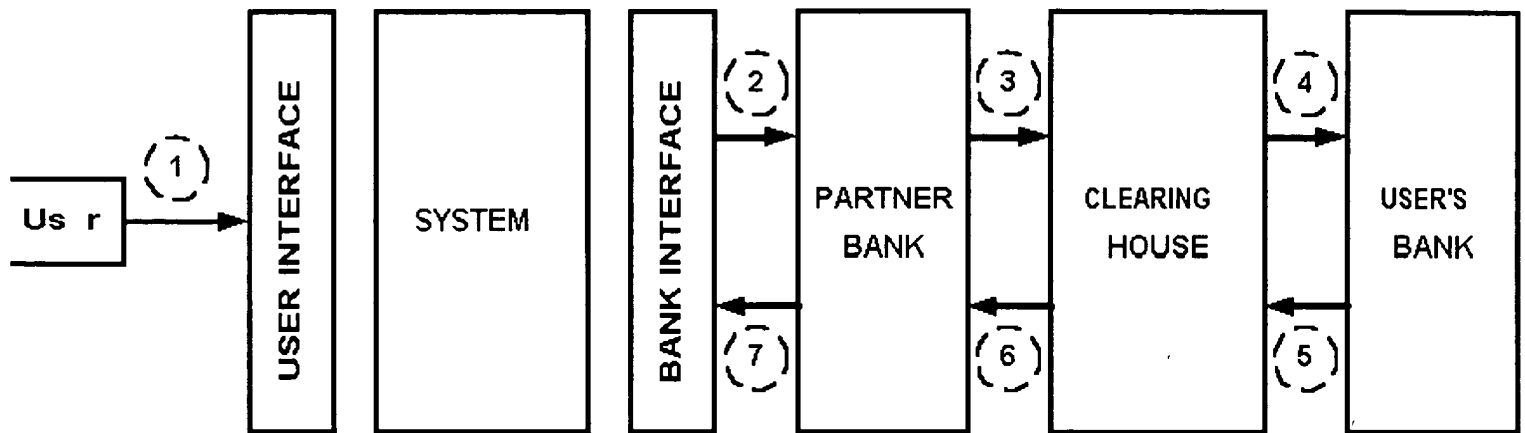
- (1) Transfer of Complete Contract Amount
- (2) Confirmation of Receipt of Goods from Seller
- (3) Refund of Performance Bond to Seller
- (4) Transfer of Contract Amount from Buyer to Seller

Physical Delivery Settlement

Fig 350



- (1) Transfer of Offset Amount from Party 1 to Party 2
- (2) Refund of Performance Bond to Party 2
- (3) Refund of Balance of Performance Bond to Party 1



(1)

**User Initiates Transaction**

(2)

**System Uploads Transaction to Partner Bank using Bank Interface**

(3)

**Partner Bank Transmits Transaction to Clearing House**

(4) & (5)

**User Bank Clears Transaction**

(6)

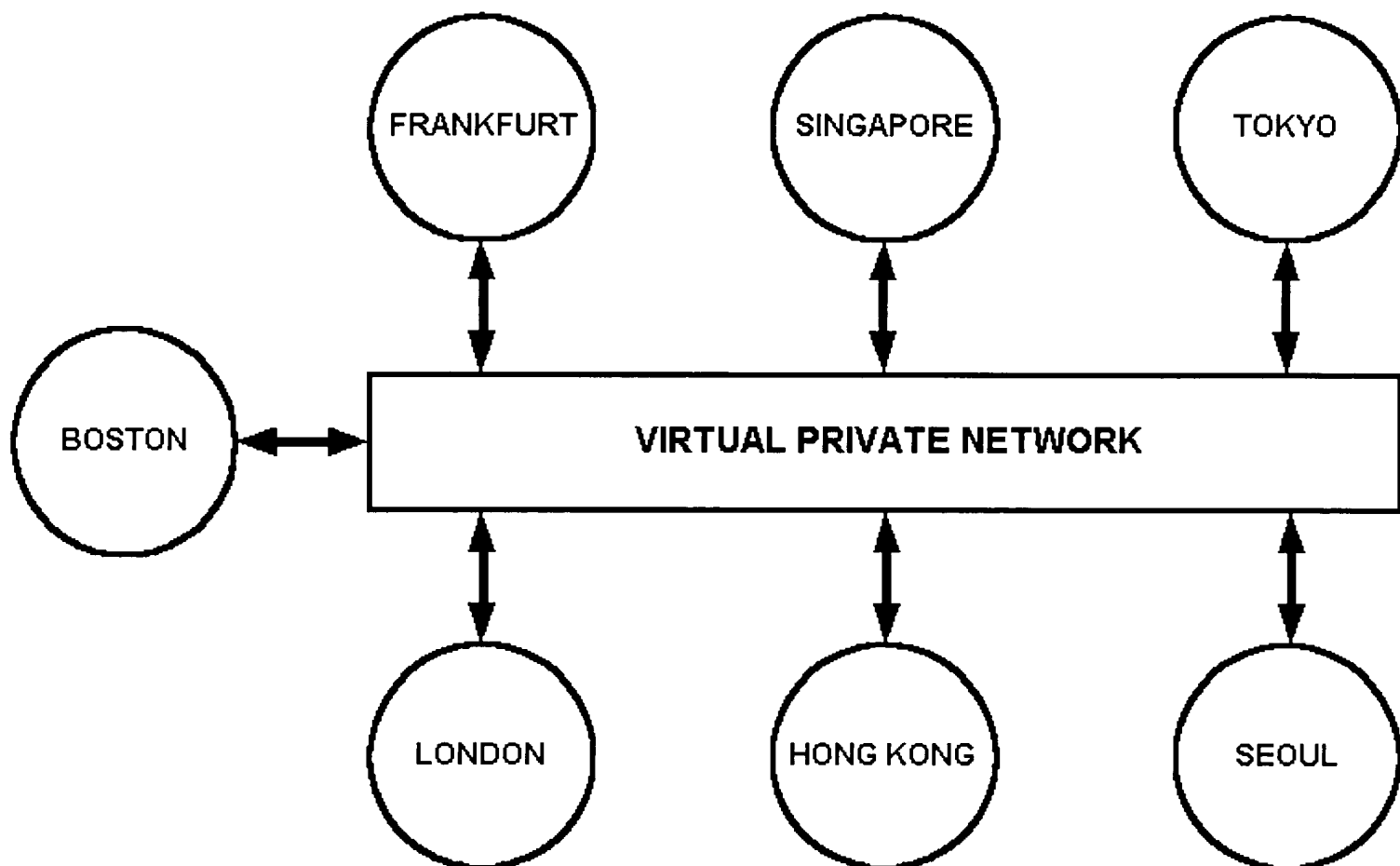
**Partner Bank Receives Transaction Confirmation**

(7)

**System Downloads Transaction from Partner Bank using Bank Interface**

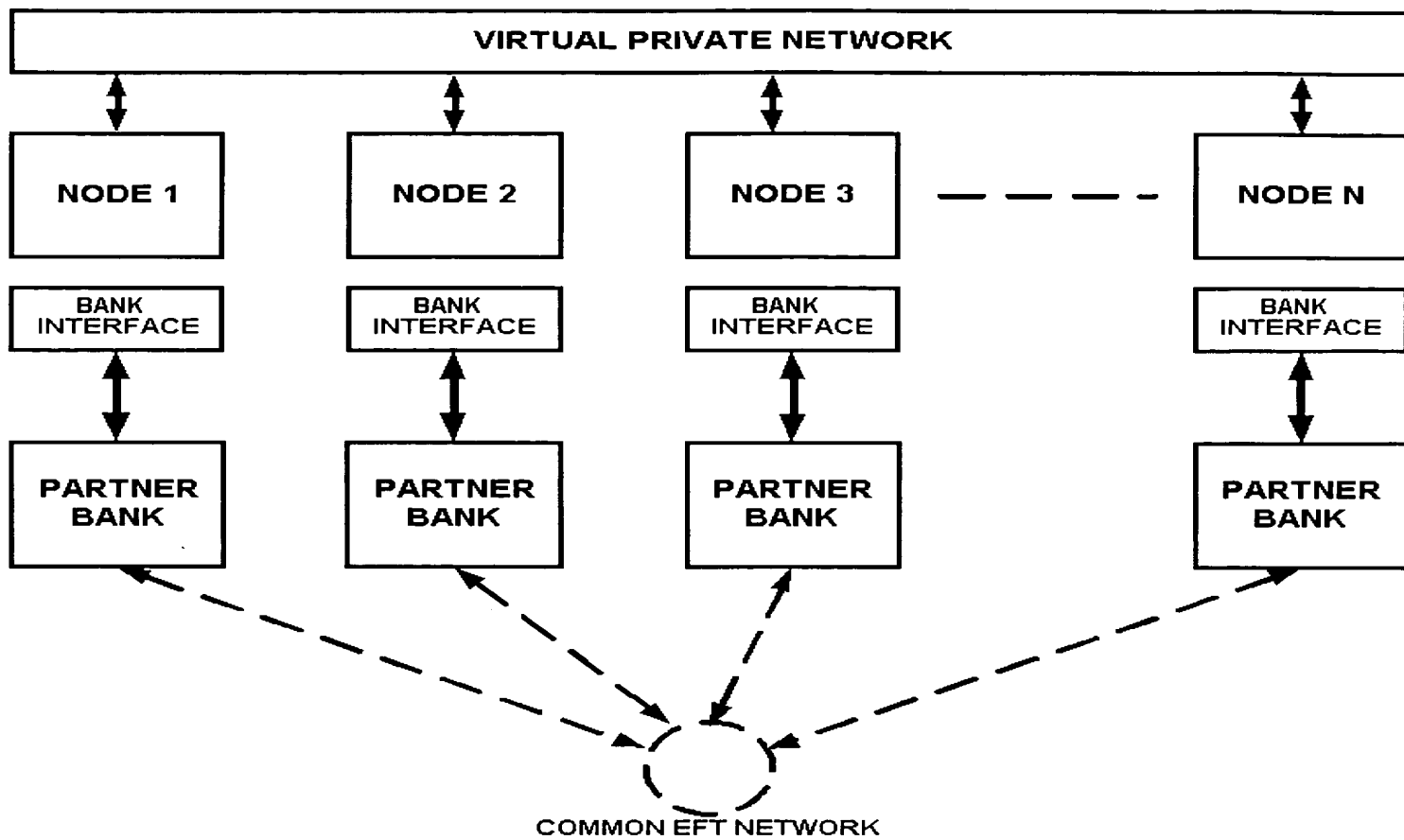
Clearing process Between Two Nodes

Fig. 450



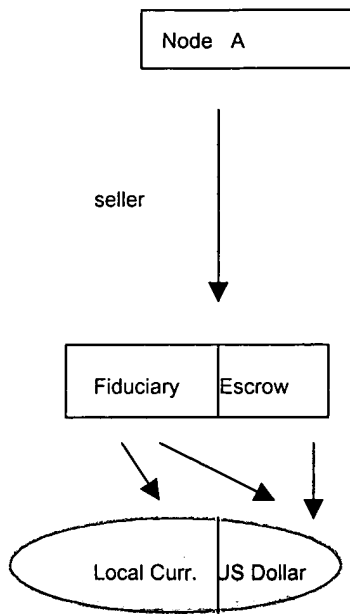
Inter-networking of Nodes

Fig 500



OPEN ARCHETECTURE CLEARING

Fig. 700



Node's Fund maintenance

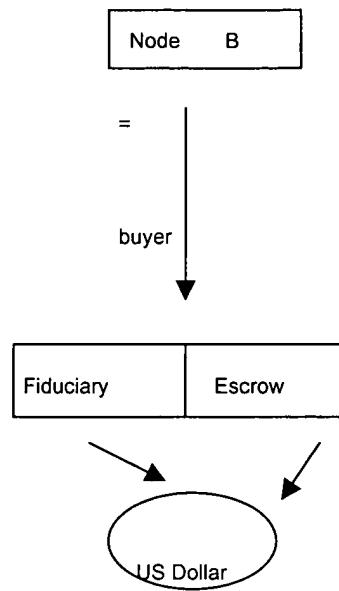
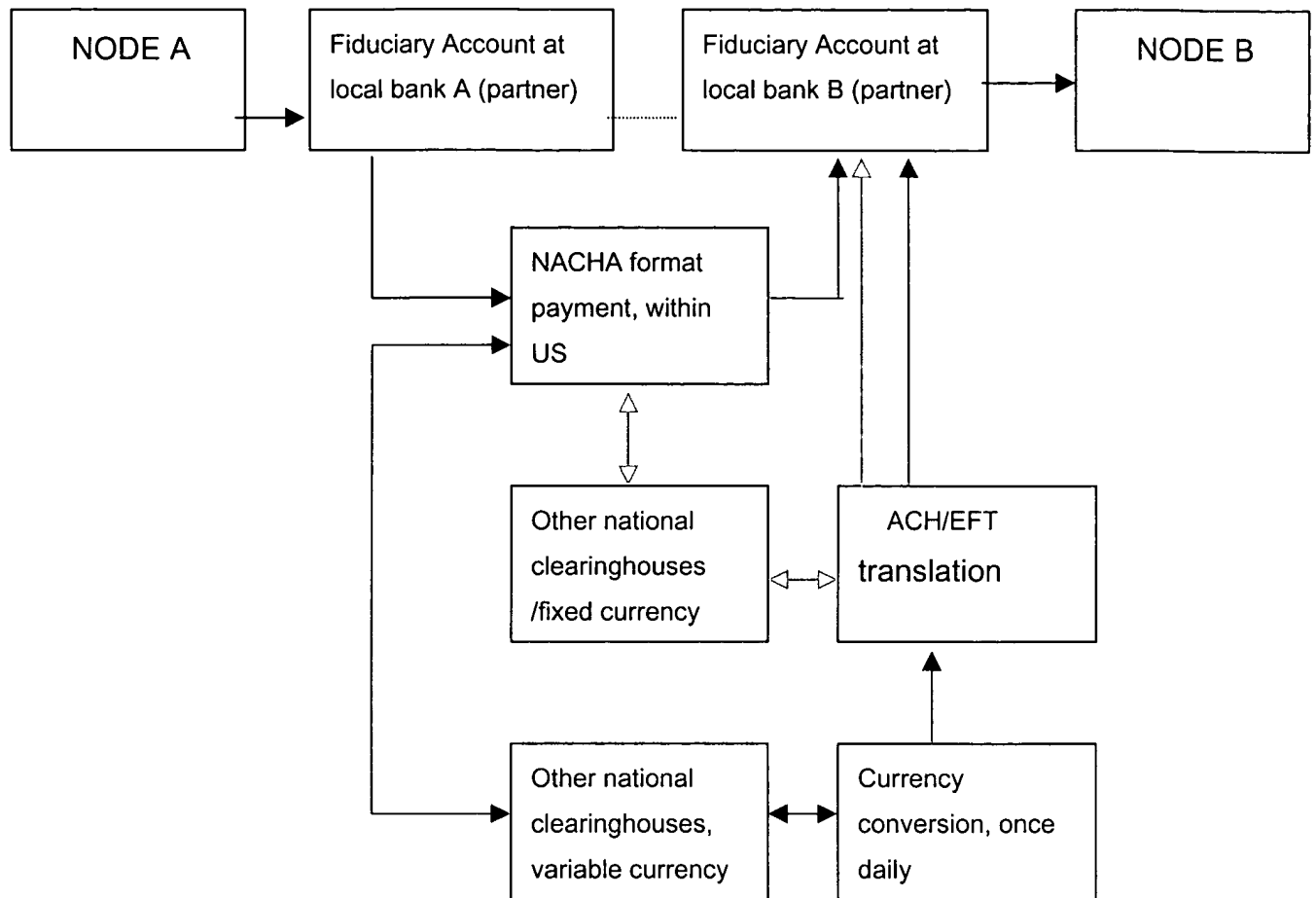


Fig.800



1) ACH payments in the US

2) ACH /other EFT payments translation, F-F currencies

3) ACH /other EFT payments translation, F-V/V-F currencies

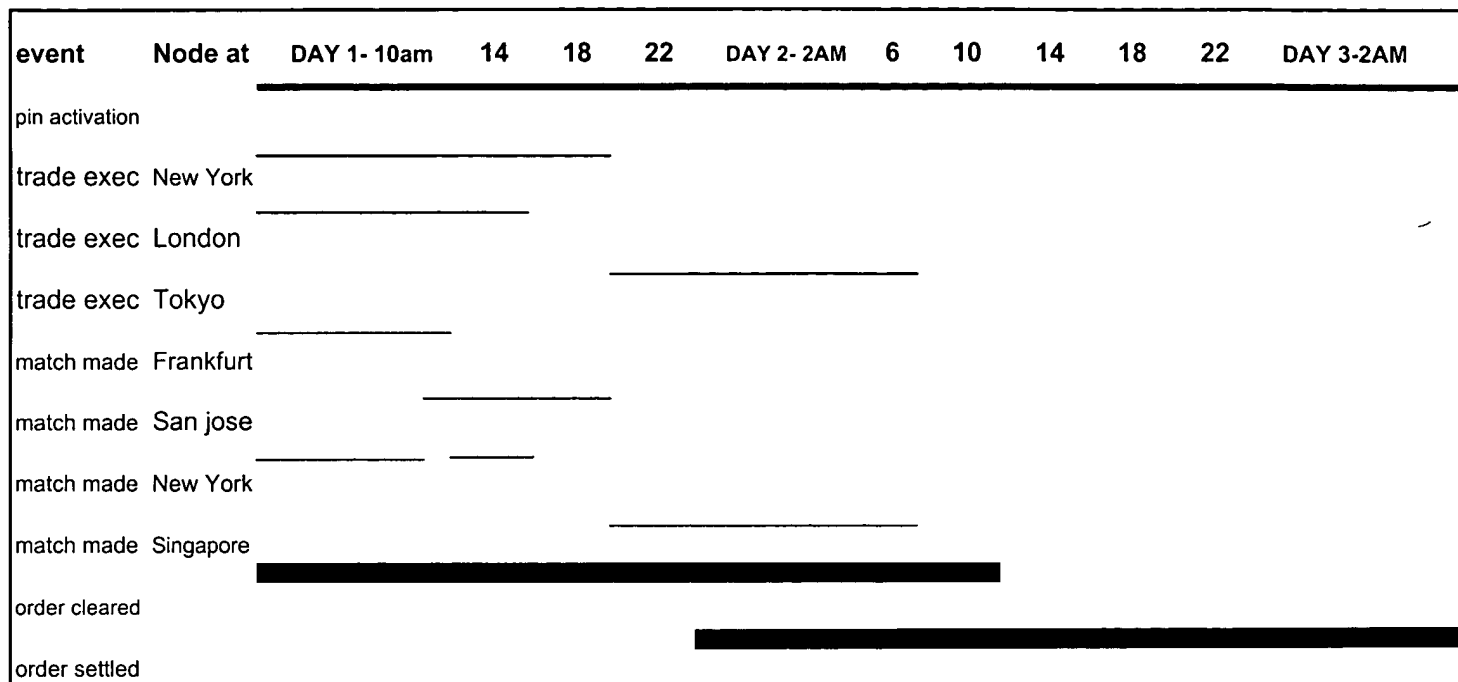
INTER NODAL PAYMENTS

Fig. 900

Time	EST-3	EST	EST+6	EST+14
Location	San Jose	New York	Frankfurt	Hong Kong
Operating	8 am to 3 pm	10 am to 5 pm	10 am to 6 p m	8 am to 4 p m
EST Relative Position	mostly open	open	Partially open	closed

Nodes operating in local time

Table 11



**2- day time frame for clearing and settlement**

**Table 12**

Choices	Tag no	Field name	content
Mandatory	20	Sender's reference	16x
Mandatory	23B	Bank operation code	4a

Optional	23E	Instruction code	4a, 30x as option
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Optional	26T	Transaction type code	3a
Mandatory	32a	Value date/currency/interbank settled account	6n3a15 no.'s
Optional	33B	Currency/original ordered amount	3a15 No.'s
Optional	36	Exchange rate	12 No.'s
Mandatory	50K	Ordering customer	4*35k, 34x as option
Optional	51A	Sending institution	A
Optional	52a	Ordering institution	A or D
Optional	53a	Sender's correspondence	A, B or D
Optional	54a	Receiver's correspondence	A, B or D
Optional	55a	Third reimbursement institution	A, B or D
Optional	56a	Intermediary institution	A, C or D
Optional	57a	Account with institution	A, B, C, or D
Mandatory	59	Beneficiary customer	4*35x, 34x as option
Optional	70	Remittance information	4*35x
Mandatory	71A	Details of charges	3a
Optional	71F	Sender's charges	3a15 No.'s
Optional	71G	Receiver's charges	ditto
Optional	72	Sender to receiver information	6*35x
Optional	77B	Regulatory reporting	3*35x
Optional	77T	Envelope contents	9000z

Choices	Tag no	Field name	content
Mandatory	20	Transaction reference number	16x
Optional	21	Related reference	16x
Mandatory	25	Account identification	35x
Mandatory	28C	Statement no./sequence no.	5n , 5n optional
Mandatory	60a	Opening balance	1!a6!n3!a15d
Optional	61	Statement line	6!n[4!n]2a[1!a]15 d1!a3!c16x[//16x][34x ]
Optional	86	Information to account owner	6*65x
Mandatory	62a	Closing balance (booked funds)	1!a6!n3!a15d
Optional	64	Closing available balance	ditto

Optional	65	Forward available balance	1!a6!n!3!a15d
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Optional	86	Information to account owner	6*65x
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S.W.I.F.T format specification for Customer statement message, MT 940 Table 14